



UNITED STATES PATENT AND TRADEMARK OFFICE



COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/819,977	03/29/2001	Hiroyuki Abe	040808-5108

009629  
MORGAN, LEWIS & BOCKIUS  
1800 M STREET NW  
WASHINGTON, DC 20036-5869

**RECEIVED**

**JUL 26 2001**

MORGAN, LEWIS & BOCKIUS LLP

CONFIRMATION NO. 4822

FORMALITIES LETTER



\*OC000000006339860\*

Date Mailed: 07/25/2001

**NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

**FILED UNDER 37 CFR 1.53(b)**

**Filing Date Granted**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- Total additional claim fee(s) for this application is \$152.
  - \$72 for 4 total claims over 20.
  - \$80 for 1 independent claims over 3.
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 282.

09/24/2001 BSAI11 00000035 09819977

01 FC:101	710.00 OP
02 FC:102	80.00 OP
03 FC:103	72.00 OP
04 FC:105	130.00 OP

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202  
PART 2 - COPY TO BE RETURNED WITH RESPONSE

Docketed 7-26-01 Attorney RJG/RG/DBH  
Case 40808-5108  
Due Date 9-25-01  
Action Missing Parts  
By SDW Ck PSB

MSOCTOV  
✓ \$

PATENT  
ATTORNEY DOCKET NO.: 040808-5108



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Hiroyuki ABE et al.

Application No.: 09/819,977

Filed: March 29, 2001

For: PROCESS END POINT DETECTION )  
APPARATUS AND METHOD, POLISHING )  
APPARATUS, SEMICONDUCTOR DEVICE )  
MANUFACTURING METHOD, AND )  
RECORDING MEDIUM RECORDED WITH )  
SIGNAL PROCESSING PROGRAM )

Group Art Unit: 2878

Examiner: Unassigned

Commissioner for Patents  
**BOX MISSING PARTS**  
Washington, D.C. 20231

**RESPONSE TO NOTICE TO FILE MISSING PARTS**

1. This replies to the Notice to File Missing Parts of Nonprovisional Application mailed July 25, 2001.

A copy of the Notice To File Missing Parts Of Nonprovisional Application is enclosed.

2. Declaration Or Oath

- ☒ No declaration or oath was filed. Enclosed is the original Combined Declaration and Power of Attorney
- ☐ The specification attached to the declaration is a copy of the specification and any amendments thereto which were filed in the PTO to obtain the filing date.
- ☐ The declaration or oath which was filed was determined to be defective. A new original Combined Declaration and Power of Attorney is attached.

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3. English Translation of Non-English Language Papers

- ☐ Submitted herewith is a verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the PTO.

Also enclosed is the Verification of Translation Document

4. Small Entity Status

- ☐ Small entity status under 37 C.F.R. § 1.27 is asserted for the present application.

5. Fee Calculation

			Basic Fee:	710.00
			Patent Application-\$710.00	
			Design Application-\$320.00	
	Number Filed	Number Extra	at a Rate of	
Total Claims	24 - 20 =	4	\$ 18.00 each=	72.00
Independent Claims	4 - 3 =	1	\$ 80.00 each=	80.00
Multiple dependent claim(s), if any			\$270.00	
Missing Parts Surcharge Fee			\$130.00	130.00
<b>SUB-TOTAL =</b>				<b>992.00</b>
Reduction by 1/2 for filing by a small entity				
<b>SUB-TOTAL =</b>				<b>992.00</b>
Fee For Application Filed With A Non-English Specification (37 C.F.R. § 1.17(k) and § 1.52(d))			\$130.00	
Fee For Processing and retention of application (37 C.F.R. § 1.21(l) and § 1.53(d))			\$130.00	
<b>TOTAL FILING FEE =</b>				<b>\$992.00</b>

6. Extension of Time

The proceedings herein are for a patent application and the provisions of 37 C.F.R. § 1.136(a) apply.

- ☐ Applicant petitions for an extension of time, the fees for which are set out in 37 C.F.R. §§ 1.17(a)-(d), for the total number of months checked below:

Total months requested	Fee for extension	[fee for Small Entity]
<input type="checkbox"/> one month	\$ 110.00	\$ 55.00
<input type="checkbox"/> two months	\$ 390.00	\$195.00
<input type="checkbox"/> three months	\$ 890.00	\$445.00
<input type="checkbox"/> four months	\$1,390.00	\$695.00
<input type="checkbox"/> five months	\$1,890.00	\$945.00

Extension of time fee due with this request: \$

If an additional extension of time is required, please consider this a Petition therefor.

- ☒ Applicants believe that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicants have inadvertently overlooked the need for a petition and fee for extension of time.

7. Fee Payment

The total fee due is: Completion Fees \$992.00  
Extension Fees \$

Total Fee Due \$992.00

- ☒ Enclosed is a check in the amount of \$1032.00 representing the total fee due and the assignment recordation fee.
- ☒ **Except** for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §1.16 and §1.17 which may be required, or credit any overpayment to Deposit Account No. 50-0310.

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8. Additional papers enclosed.



- ☒ Request for Approval of Drawing Change
- ☐ Preliminary Amendment
- ☒ Information Disclosure Statement
- ☒ Form PTO-1449, 1 reference as listed
- ☐ Citations
- ☐ Declaration of Biological Deposit
- ☐ Submission of "Sequence Listing", computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.

Respectfully submitted,

**MORGAN, LEWIS & BOCKIUS LLP**

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Robert J. Goodell  
Reg. No. 41,040

Date: September 21, 2001

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# 4

PATENT  
ATTORNEY'S SOCKET NO.: 040808-5108

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
 )  
Hiroyuki ABE et al. )  
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Application No.: 09/819,977 ) Group Art Unit: 2878  
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Filed: March 29, 2001 ) Examiner: Unassigned  
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For: PROCESS END POINT DETECTION )  
 APPARATUS AND METHOD, POLISHING )  
 APPARATUS, SEMICONDUCTOR )  
 DEVICE MANUFACTURING METHOD, )  
 AND RECORDING MEDIUM RECORDED )  
 WITH SIGNAL PROCESSING PROGRAM )

Commissioner for Patents  
Washington, D.C. 20231

Sir:

**REQUEST FOR APPROVAL OF DRAWING CHANGE**

Subject to the approval of the Examiner, it is respectfully requested that FIG'S. 6A, 6B and 7 in the above-identified application be amended to include descriptive language and to substitute dashed lines for specific solid lines as indicated by yellow highlights on the attached copies of the originally filed drawings.

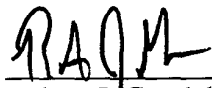
Applicants respectfully submit that adding descriptive language and changing specific solid lines to dashed lines is fully supported by the specification beginning at page 22 to page 25, and replicates features shown in corresponding drawings of the priority document. Thus, Applicants respectfully asserts that the proposed amendments to FIGS. 6A, 6B and 7 do not introduce any new matter.

Upon approval of the proposed changes, Applicants respectfully request that the submission of a revised drawing be deferred until after a Notice of Allowance has issued.

Respectfully submitted,

**MORGAN, LEWIS & BOCKIUS LLP**

By:



Robert J. Goodell

Reg. No. 41,040

Dated: September 21, 2001

**Customer No. 009629**

**MORGAN, LEWIS & BOCKIUS LLP**

1800 M Street, N.W.

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202-467-7000